| Issue | Class | sifica | tion |
|-------|-------|--------|------|
|       |       |        |      |

| Application No.      | Applicant(s) |  |
|----------------------|--------------|--|
| 10/519,243           | WELCH ET AL. |  |
| Examiner             | Art Unit     |  |
| Ethan Whisenant Ph D | 1634         |  |

|                                     |      |      |      |                | IS     | SUE C                             | LASSIF                 | ICATIO            | ON                       |      |  |  |  |  |  |  |
|-------------------------------------|------|------|------|----------------|--------|-----------------------------------|------------------------|-------------------|--------------------------|------|--|--|--|--|--|--|
|                                     |      |      | ORIG | INAL           |        | CROSS REFERENCE(S)                |                        |                   |                          |      |  |  |  |  |  |  |
|                                     | CLA  | SS   |      | SUBCLASS       | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |                        |                   |                          |      |  |  |  |  |  |  |
|                                     | 43   | 5    |      | 6              | 536    | 23.1                              | 24.3                   |                   |                          |      |  |  |  |  |  |  |
| IN                                  | ITER | NATI | ONAL | CLASSIFICATION |        |                                   |                        |                   |                          |      |  |  |  |  |  |  |
| С                                   | 1    | 2    | α    | 1/68           |        |                                   |                        |                   |                          |      |  |  |  |  |  |  |
| С                                   | 0    | 7    | н    | 21/02          |        |                                   |                        |                   |                          |      |  |  |  |  |  |  |
| С                                   | 0    | 7    | н    | 21/04          |        |                                   |                        |                   |                          |      |  |  |  |  |  |  |
|                                     |      |      |      | 1              |        |                                   | _                      |                   |                          |      |  |  |  |  |  |  |
|                                     |      |      |      | 1              |        |                                   |                        | 11                |                          |      |  |  |  |  |  |  |
| (Assistant Examiner) (Date)         |      |      |      |                | ate)   | . k                               | ETHAN WH<br>PRIMARY E  | EXAMINE           | Total Claims Allowed: 24 |      |  |  |  |  |  |  |
| V. Junes 7-9-07                     |      |      |      | (Pri           | 06 JU  |                                   | O.G.<br>Print Claim(s) | O.G.<br>Print Fig |                          |      |  |  |  |  |  |  |
| (Legal Inštruments Examiner) (Date) |      |      |      |                | (Date) |                                   |                        |                   | 1                        | None |  |  |  |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |   |       |          |   | □СРА  |          | □ T.D. |          | ☐ R.1.47 |       |          |   |       |          |  |       |          |
|-------|---|---|-------|----------|---|-------|----------|--------|----------|----------|-------|----------|---|-------|----------|--|-------|----------|
| Final | Original  | · | Final | Original |   | Final | Original | Final  | Original |          | Final | Original |   | Final | Original |  | Final | Original |
| 1     | 1   | ] |       | 31       | ] |       | 61       |        | 91       |          |       | 121      |   |       | 151      |  |       | 181      |
| 2     | 2   |   |       | 32       | ` |       | 62       |        | 92       |          |       | 122      |   |       | 152      |  |       | 182      |
| 3     | 3   | } |       | 33       |   |       | 63       | -      | 93       |          |       | 123      |   |       | 153      |  |       | 183      |
| 4     | 4   | ] |       | 34       |   |       | 64       |        | 94       |          |       | 124      |   |       | 154      |  |       | 184      |
| 5     | 5   | ] |       | 35       |   |       | 65       |        | 95       |          |       | 125      |   |       | 155      |  |       | 185      |
| _6    | 6   |   |       | 36       |   |       | 66       |        | 96       |          |       | 126      |   |       | 156      |  |       | 186      |
|       | 7   |   |       | 37       |   |       | 67       |        | 97       |          |       | 127      |   |       | 157      |  |       | 187      |
| 7     | 8   |   |       | 38       |   |       | 68       |        | 98       |          |       | 128      |   |       | 158      |  |       | 188      |
|       | 9   |   |       | 39       |   |       | 69       |        | 99       |          |       | 129      |   |       | 159      |  |       | 189      |
|       | 10  |   |       | 40       |   |       | 70       |        | 100      |          |       | 130      |   |       | 160      |  |       | 190      |
| 8     | 11  | ] |       | 41       |   |       | 71       |        | 101      |          |       | 131      |   |       | 161      |  |       | 191      |
|       | 12  |   |       | 42       |   |       | 72       |        | 102      |          |       | 132      |   |       | 162      |  |       | 192      |
| 9     | 13  |   |       | 43       |   |       | 73       |        | 103      |          |       | 133      |   |       | 163      |  |       | 193      |
| 10    | 14  |   |       | 44       |   |       | 74       |        | 104      |          |       | 134      |   |       | 164      |  |       | 194      |
| 11    | 15  |   |       | 45       |   |       | 75       |        | 105      |          |       | 135      |   |       | 165      |  |       | 195      |
| 12    | 16  |   |       | 46       |   |       | 76       |        | 106      |          |       | 136      |   |       | 166      |  |       | 196      |
| 13    | 17  |   |       | 47       |   |       | 77       |        | 107      |          |       | 137      |   |       | 167      |  |       | 197      |
| 14    | 18  |   |       | 48       |   |       | 78       |        | 108      |          |       | 138      |   |       | 168      |  |       | 198      |
| 15    | 19  |   |       | 49       |   |       | 79       |        | 109      |          |       | 139      |   |       | 169      |  |       | 199      |
| 16    | _ 20  |   |       | 50       |   |       | 80       |        | 110      |          |       | 140      |   |       | 170      |  |       | 200      |
| _17   | 21  |   |       | 51       |   |       | 81       |        | 111      |          |       | 141      |   |       | 171      |  |       | 201      |
| 18    | 22  |   |       | 52       |   |       | 82       |        | 112      |          |       | 142      |   |       | 172      |  |       | 202      |
| 19    | 23  |   |       | _53      |   |       | 83       |        | 113      |          |       | 143      |   |       | 173      |  |       | 203      |
| 20    | 24  |   |       | 54       |   |       | 84       |        | 114      |          |       | 144      |   |       | 174      |  |       | 204      |
| 21    | 25  |   |       | 55       |   |       | 85       |        | 115      |          |       | 145      |   |       | 175      |  |       | 205      |
| 22    | 26  |   |       | 56       |   |       | 86       |        | 116      |          |       | 146      |   |       | 176      |  |       | 206      |
| 23    | 27  |   |       | 57       |   |       | 87       |        | 117      |          |       | 147      | İ |       | 177      |  |       | 207      |
| 24    | 28  |   |       | 58       |   |       | 88       |        | 118      |          |       | 148      |   |       | 178      |  |       | 208      |
|       | 29  |   |       | 59       |   |       | 89       |        | 119      | ļ        |       | 149      | - |       | 179      |  |       | 209      |
|       | 30  |   |       | 60       |   |       | _90      |        | 120      |          |       | 150      |   |       | 180      |  |       | 210      |